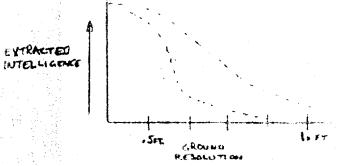
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We are well under way in firming up the experimental designs except for some aspects which will be established when we get together with one of people. Meanwhile, I thought it best if I described our plans as they stand so far.

The objective of this study is to determine the amount of general and tactical intelligence which can be extracted from photographs as a function of the production of the photographs. Simply, the purpose is to determine the shape and position of curves of the two types of intelligence:



The planned procedure for achieving this objective includes (1) the preparation of carefully prepared positive transparencies of several scenes with measured image-quality parameters, (2) viewing of the transparencies and intelligent extraction by P.I. s and (3) study and analysis of the resulting responses leading to specific conclusions. The positive transparencies will simulate systems with 3, 6, 9 and 12 feet focal length optics using Type 4404 (S0-132) film operating at an altitude of 120 statute miles, resolving objects on the ground ranging in size from 1/2 to 16 feet. Hence, the picture satrix will be

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Resolution		1		•
Peet	3 .	<u></u>	9 2 1 1 2	12
1/2			1	174-1/mm
7 i 3 ( )		174 1/mm	116 1/mm	87 1/mm
<b>2</b> - A. Marie (1986)	1.74 1/mm	87 1/mm	58 1/mm	43 1/mm
4	87 1/mm	43 1/mm	29 1/mm	22 1/mm
* 10 1 <b>8</b> 1 1 1 2 2 4 1	43 1/mm	22 1/mm	14 1/mm	11 1/mm
16	22 1/mm	11 1/mm	7 1/mm	5.4 1/mm

and consist of twenty pictures of each of several typical scenes.

The primary reason for simulating several focal lengths (or image scales) is to include the effect of the viewing equipment and viewer on the incelligence extraction process.

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	As mentioned previously, the specific type of question the P.I.'s and the specific method of response analysis completely planned.	s to be asked of s has not yet been
	We hope to be able to make use of a relatively large memory people (each person for a short period) during the weel and we are planning to complete the study before 17 Fel	k of 3-7 Pehruery Lunt 3 CV
	I hope the above caseribes, although briefly, the itud- If you wish some changes, please let me know as soon as	y you want performed. s possible.
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